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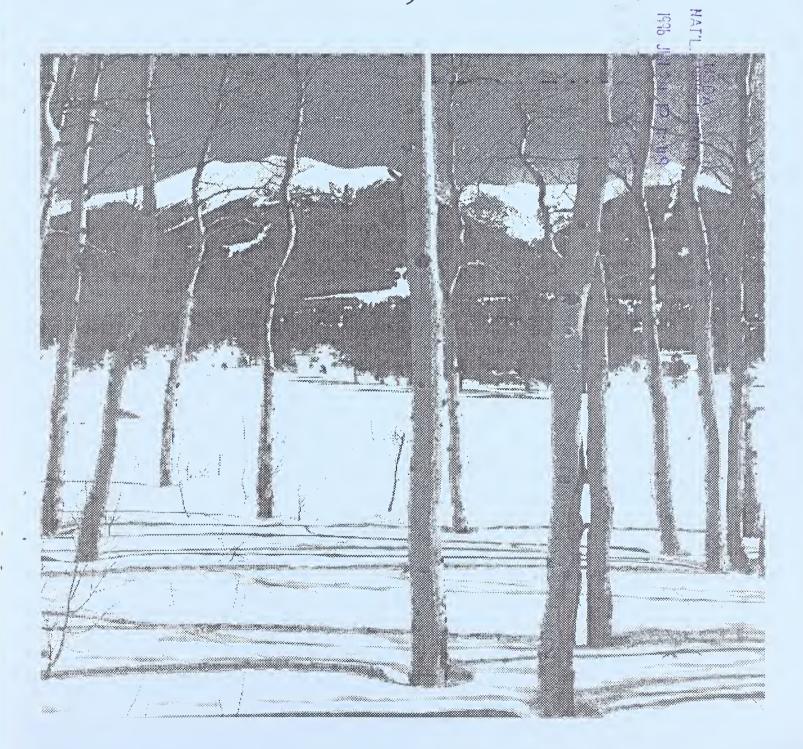
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Natural Resources Conservation Service



Washington Basin Outlook Report March 1, 1996



Basin Outlook Reports and Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

Local Natural Resources Conservation Service Field Office

or Scott Pattee Acting Water Supply Specialist Natural Resources Conservation Service W. 316 Boone Ave., Suite 450 Spokane, WA 99201-2348 (509) 353-2341

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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Washington Water Supply Outlook

March 1996

General Outlook

After the devastating floods and the ensuing cleanup, February seemed to cruise by without any further notable weather events. For the most part Washington was locked into a pattern of cool dry weather. This pattern was a saving grace for the thousands who were trying to pick up the pieces and rebuild their lives after being forced from homes, schools and businesses earlier in the month. The effects of this season's floods will be felt and remembered for years to come.

Streamflow

Forecasts for summer streamflow are for near to above average with a few streams on the westside forecasted below average. They vary from 142% of average for the Methow River near Pateros to 81% of normal for the Elwha River near Port Angeles. March forecasts for some Western Washington streams include: Cedar River near Cedar Falls, 88%; Green River, 105%; and the Dungeness River, 88%. Some Eastern Washington streams include Mill Creek at Walla Walla, 98%; the Wenatchee River at Peshastin, 108%; the Columbia River at The Dalles, 112%; and the Colville River, 107%. February streamflows varied greatly throughout the state but were all well above normal. The Naches at Naches River was the highest at 531% of average; and the Methow at Pateros, with 167% of normal, was the lowest in the state. Other streamflows were the following percentage of normal: Cowlitz River, 291%; Okanogan River, 245%; Spokane River, 328%; Columbia River at the Canadian border, 185%; and Yakima River at Parker, 384%.

BASIN	PERCENT OF AVERAGE
	MOST PROBABLE FORECAST
	(50 PERCENT CHANCE OF EXCEEDANCE)
Spokane	91

Spokane	91
Colville-Pend Oreille104-1	26
Okanogan-Methow109-1	42
Wenatchee-Chelan101-1	39
Yakima106-1	.25
Walla Walla98-1	14
Cowlitz-Lewis92-1	.25
White-Green-Cedar85-1	.05
North Puget Sound95-	96
Olympic Peninsula81-	88

Snowpack

The March 1 statewide SNOTEL reading showed the snowpack at 89% of average. Snowpack varied across the state, with Olympic Peninsula River Basin reporting the lowest with 45% of average, and Entiat River Basin recording the highest at 144% of normal. Westside averages from SNOTEL and March 1 snow surveys include North Puget Sound River Basins with 79% of normal; White-Green-Cedar River Basins with 75%; and Lewis-Cowlitz Basins with 74% of normal. Snowpack along the east slopes of the Cascade Mountains include the Yakima with 95%, and the Wenatchee with 104%. Snowpack in Spokane River Basin was at 70%; Pend Oreille River Basin, including Canadian data, had 108% of normal. Maximum snow cover was at Lyman Lake SNOTEL in the north-central Cascade Mountains, with a water content of 63.1 inches. This site would normally have 48.4 inches of water content on March 1. High average in the state goes to Spirit Lake SNOTEL near Mt. St. Helens with 157% of normal. March 1 surveys indicated significant meltout at many of the lower to mid-elevation snow courses, bringing some basinwide averages down slightly from last month. SNOTEL did not show any significant decreases.

BASIN	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Spokane	85	70
Pend Oreille		108
	95	
	85	
	83	
	74	
	55	

Precipitation

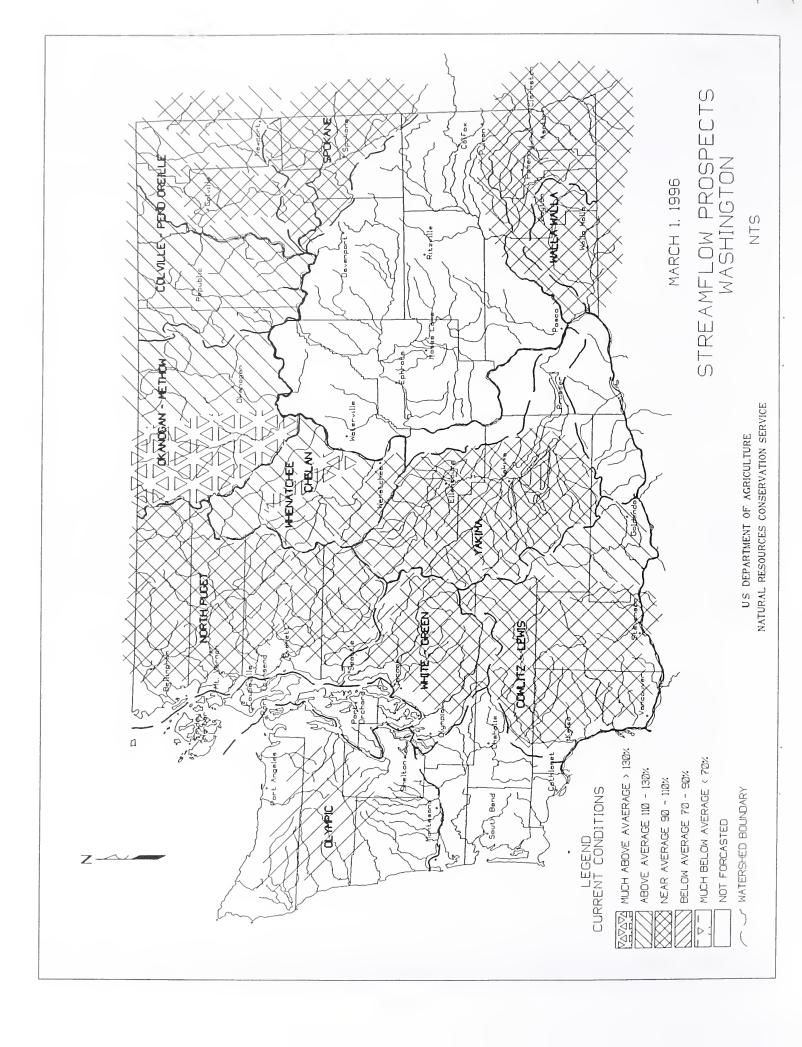
During the month of February the National Weather Service and Natural Resources Conservation Service climate stations showed above to much above normal precipitation across the state. The highest percent of average in the state was at Rimrock Dam in Yakima County, reported 348% of normal for a total of 10.3 inches. Normal for this site is 2.9 inches for February. Averages for the water year varied from 116% of normal in the Olympic Peninsula River Basins, to 205% of normal in the Yakima River basin. The highest average for the year is 209% of normal at Bumping Ridge SNOTEL site in Yakima County.

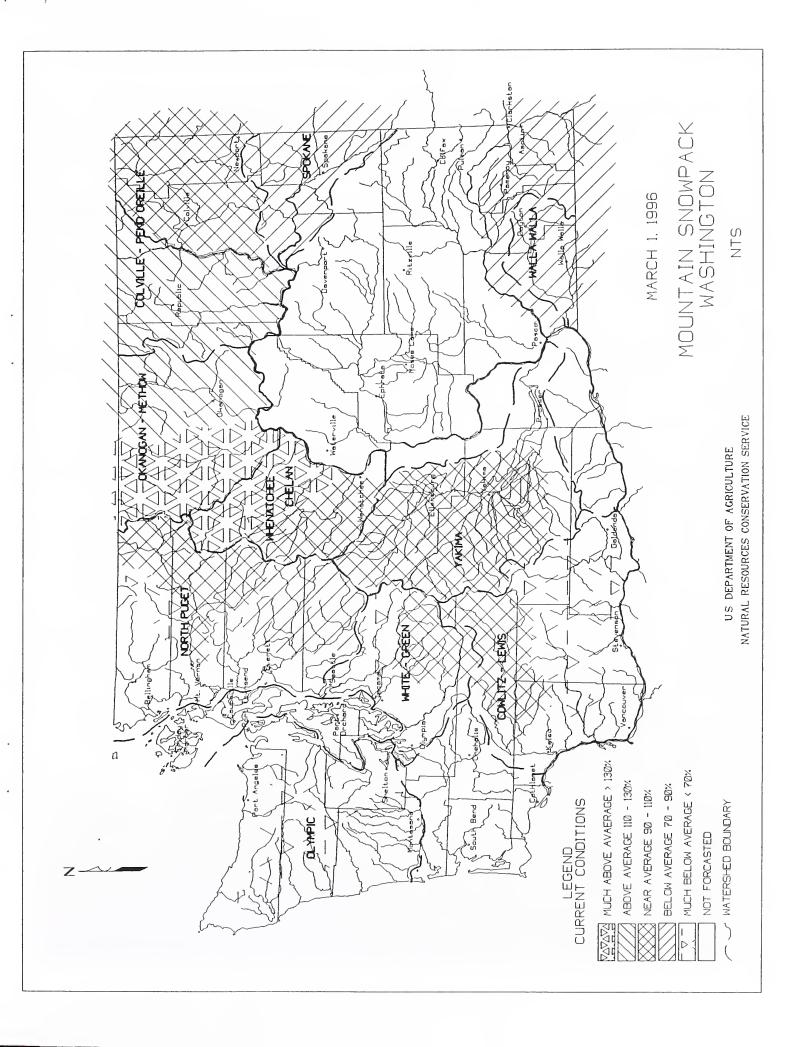
	FEBRUARY	WATER YEAR
BASIN	PERCENT OF AVERAGE	PERCENT OF AVERAGE
Spokane	201	149
	lle165	
Okanogan-Methow		
Walla Walla Cowlitz-Lewis White-Green-Cedar. North Puget Sound.		

Reservoir

Reservoir storage in Washington remained above average for March 1. Reservoir storage in the Yakima Basin was 911,500 acre feet, 131% of Storage at other reservoirs included Roosevelt at 143% of average, and the Okanogan reservoirs with 131% of normal for March 1. The power generation reservoirs include the following: Coeur d'Alene Lake, 293,500 acre feet, or 197% of normal; Chelan Lake, 470,00 acre feet, 280% of average and 70% of capacity; and Ross Lake at 370% of average and 81% of capacity.

BASIN	PERCENT OF CAPACITY	PERCENT OF AVERA
Okanogan-Methow		131
	81	



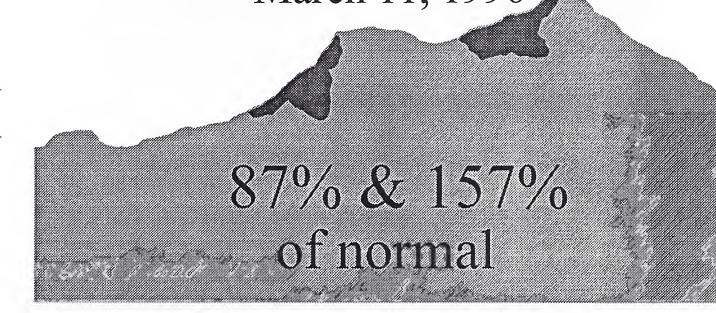


B A S I N S U M M A R Y O F S N O W C O U R S E D A T A MARCH 1996

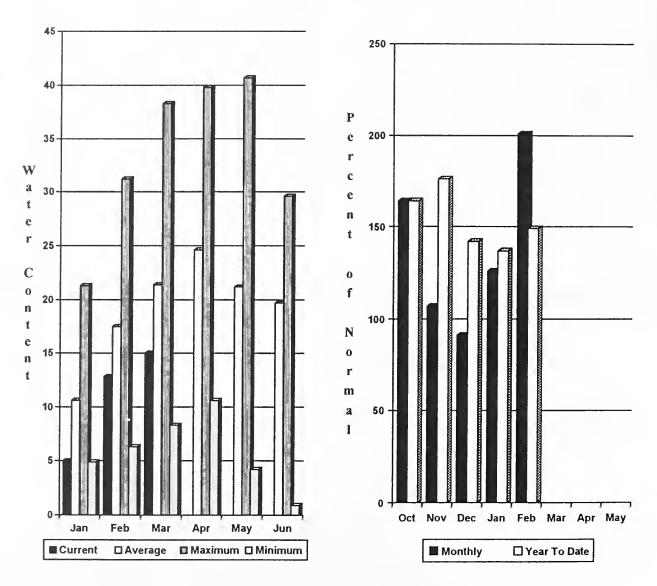
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BENTON MEADOW BENTON SPRING BOYER MOUNTAIN BUNCHGRASS MEADOWS LOOK OF CREEK LOOKOUT PILLOW NELSON CAN. KETTLE RIVER BARNES CREEK CAN. BIG WHITE MIN CAN. BUTTE CREEK CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	4920 5250 5000 6050 5900 5140 3100 5300 5510 4070 4100 3600 4500 4600 3050 4460 3220 4930	3/01/96 2/29/96 3/01/96 3/01/96 3/01/96 2/27/96 3/02/96 3/02/96 3/02/96 2/26/96 2/26/96 3/02/96	36 45 70 41 64 63 25 43 24 45 33	11.4 13.9 21.4 21.4 51.0E 46.4E 22.6 13.2 21.9 19.8 7.8E 7.1	14.9 23.6 26.9 34.5 29.9 22.5 15.0 14.9 19.8 8.6 4.7	16.7 21.6 26.6 22.7 42.7 39.2 28.0 14.3	LYMAN TAKE LITTLE MLWS MINERS RIDGE PARK CK RIDGE RAINY PASS RAINY PASS ENTIAT RIVER BRIEF POPE RIDGE WENATCHEE RIVER BERNE-MILL CR	PILLOW PILLOW PILLOW	5900 5280 6200 4600 4780 4780	3/01/96 3/01/96 3/01/96 3/01/96 3/01/96 3/01/96	122	63.1s 51.2 49.4s 50.6s 31.0 51.3s	64.1 42.0 47.7 35.4 40.0 48.6	48.4 37.2 46.9 40.6 33.4 32.7
BOYER MOUNTAIN BUNCHGRASS MEADOWS BUNCHGRASS MEADWFILLOW HOODOO BASIN HOODOO CREEK LOOKOUT PILLOW NELSON CAN. KETTLE RIVER BARNES CREEK CAN. BIG WHITE MTN CAN. BUTTE CREEK CARMI CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK LOW. TRAPPING CK. TRAPPING	5250 5000 6050 5900 5140 3100 5300 5510 4070 4100 4000 3600 4500 4460 3220 4930	2/29/96 2/28/96 3/01/96 3/01/96 3/01/96 2/27/96 3/02/96 3/02/96 3/02/96 2/26/96 3/02/96 2/26/96 3/02/96	45 70 41 64 63 25 43 24 45 33	13.9 21.4 21.4 51.0E 46.4E 22.6 13.2 21.9 19.8 7.8E 7.1 13.1	23.6 	21.6 26.6 22.7 42.7 39.2 28.0 14.3	LITTLE MLWS MINERS RIDGE PARK CK RIDGE RAINY PASS RAINY PASS ENTIAT RIVER BRIEF POPE RIDGE WENATCHEE RIVER BERNE-MILL CR	AM PILLOW PILLOW	5280 6200 4600 4780 4780	3/01/96 3/01/96 3/01/96 3/01/96 3/01/96 2/26/96	122	51.2 49.4s 50.6s 31.0 51.3s	42.0 47.7 35.4 40.0 48.6	37.2 46.9 40.6 33.4 32.7
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BUNCHGRASS MDWPILLOW HOODOO BASIN HOODOO CREEK LOOKOUT PILLOW NELSON CAN. KETTLE RIVER BARNES CREEK CAN. BIG WHITE MTN CAN. BUTTE CREEK CARMI CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLHAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE CUARTZ PEAK PILLOW	5000 6050 5900 5140 3100 5300 5510 4070 4100 3600 4500 4600 3050 4460 3220 4930	3/01/96 3/01/96 3/01/96 2/27/96 3/02/96 3/02/96 3/02/96 2/26/96 2/26/96 3/02/96 3/02/96	 41 64 63 25 43 24 45 33	21.4 51.0E 46.4E 22.6 13.2 21.9 19.8 7.8E 7.1	26.9 34.5 29.9 22.5 15.0 14.9 19.8 8.6 4.7	22.7 42.7 39.2 28.0 14.3 17.2 16.3	PARK CK RIDGE RAINY PASS RAINY PASS ENTIAT RIVER BRIEF POPE RIDGE WENATCHEE RIVER BERNE-MILL CR	PILLOW	4600 4780 4780 1600	3/01/96 3/01/96 3/01/96 2/26/96	94	50.6S 31.0 51.3S	35.4 40.0 48.6	40.6 33.4 32.7 6.9
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HOODOO CREEK LOOKOUT NELSON CAN. KETTLE RIVER BARNES CREEK CAN. BIG WHITE MTN CAN. BUTTE CREEK CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES MEADOWS (3) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	5900 5140 3100 5300 5510 4070 4100 4000 3600 4500 4600 3050 4460 3220 4930	3/01/96 3/01/96 2/27/96 3/02/96 3/02/96 3/02/96 2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	41 64 63 25 43 24 45 33	46.4E 22.6 13.2 21.9 19.8 7.8E 7.1 13.1	29.9 22.5 15.0 14.9 19.8 8.6 4.7	39.2 28.0 14.3 17.2 16.3	RAINY PASS ENTIAT RIVER BRIEF POPE RIDGE WENATCHEE RIVER BERNE-MILL CR		4780 1600	3/01/96 2/26/96	26	51.3S 9.3	10.0	32.7 6.9
LOOKOUT PILLOW NELSON CAN. KETTLE RIVER BARNES CREEK CAN. BIG WHITE HTN CAN. BUTTE CREEK CARMI CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	5140 3100 5300 5510 4070 4100 4000 3600 4500 4600 3050 4460 3220 4930	3/01/96 2/27/96 3/02/96 3/02/96 3/02/96 2/26/96 2/26/96 2/26/96 3/02/96 3/02/96	64 63 25 43 24 45 33	22.6 13.2 21.9 19.8 7.8E 7.1 13.1	22.5 15.0 14.9 19.8 8.6 4.7	28.0 14.3 17.2 16.3	ENTIAT RIVER BRIEF POPE RIDGE WENATCHEE RIVER BERNE-MILL CR		1600	2/26/96	26	9.3	10.0	6.9
RETTLE RIVER BARNES CREEK CAN. BIG WHITE HTN CAN. BUTTE CREEK CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MTN PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLHAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	5300 5510 4070 4100 4000 3600 4500 4600 3050 4460 3220 4930	3/02/96 3/02/96 3/01/96 3/02/96 2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	64 63 25 43 24 45 33	21.9 19.8 7.8E 7.1 13.1	14.9 19.8 8.6 4.7	17.2 16.3	POPE RIDGE WENATCHEE RIVER BERNE-MILL CR	PILLOW						
BARNES CREEK CAN. BIG WHITE MTN CAN. BUTTE CREEK CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	5510 4070 4100 4000 3600 4500 4600 3050 4460 3220 4930	3/02/96 3/01/96 3/02/96 2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	63 25 43 24 45 33	19.8 7.8E 7.1 13.1	19.8 8.6 4.7	16.3	WENATCHEE RIVER BERNE-MILL CR	PILLOW	3540	3/01/96		24.BS	24.0	16.7
BIG WHITE MTN CAN. BUTTE CREEK CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW NEWAN LAKE CUARTZ PEAK PILLOW	5510 4070 4100 4000 3600 4500 4600 3050 4460 3220 4930	3/02/96 3/01/96 3/02/96 2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	63 25 43 24 45 33	19.8 7.8E 7.1 13.1	19.8 8.6 4.7	16.3	BERNE-MILL CR							
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CARMI CAN. FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLHAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	4100 4000 3600 4500 4600 3050 4460 3220 4930	3/02/96 2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	25 43 24 45 33	7.1 13.1	4.7	0.2	BLEWETT PASS#		3170	2/28/96		21.5	28.8	24.7
FARRON CAN. GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOCKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW	4000 3600 4500 4600 3050 4460 3220 4930	2/26/96 2/26/96 3/02/96 2/26/96 3/02/96	43 24 45 33	13.1		6.1	CHIWAUKUM G.S		4270 2500	3/01/96 2/28/96		12.4s 12.5	19.2 14.2	17.0 10.7
GOAT CREEK MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MTN PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	3600 4500 4600 3050 4460 3220 4930	2/26/96 3/02/96 2/26/96 3/02/96	24 45 33		12.0	12.4		P1LLOW	3370	3/01/96		34.65	34.4	28.4
MONASHEE PASS CAN. SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PO CAN.	4500 4600 3050 4460 3220 4930	3/02/96 2/26/96 3/02/96	45 33		4.7	6.4	LYMAN LAKE	PILLOW	5900	3/01/96		63.15	64.1	48.4
SUMMIT G.S. TRAPPING CK LOW CAN. TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEND PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWANN LAKE QUARTZ PEAK PILLOW	3050 4460 3220 4930	3/02/96		13.9	10.7	12.2	MERRITT		2140	2/28/96		16.2	16.4	14.4
TRAPPING CK UP CAN. COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLHAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	4460 3220 4930 4800		0.4	8.1	7.8	7.1	MISSION RIDGE		5000	2/26/96		14.9	19.0	14.0
COLVILLE RIVER BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MENDOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOCKOUT PILLOW NEWANN LAKE QUARTZ PEAK PILLOW	3220 4930 4800	3/02/96	24	6.9	4.9	5.1	STEVENS PASS		4070	3/01/96		30.05	41.3	34.7
BAIRD #2 CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	4930		28	7.9	6.7	9.1	STEVENS PASS		3700	2/28/96		23.3	30.9	31.1
CHEWALAH #2 OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MTN PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	4930							PILLOW	5310	3/01/96		10.05	12.1	9.0
OMAK LAKE, TWIN LAKES MOSES MOUNTAIN (1) MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET LOOKOUT PILLOW NEMAN LAKE QUARTZ PEAK PILLOW	4800	2/29/96	22	5.5	8.7		UPPER WHEELER		4400	2/27/96		5.6	7.0	9.4
MOSES MOUNTAIN (1) MOSES MTN PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLHAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW		2/27/96	36	10.3	17.6		UPPER WHEELER	FILTOM	4400	3/01/96		11.15	15.5	12.1
MOSES MTM PILLOW MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW		2/29/96	53	16.5	16.0	14.4	STEMILT CREEK STEMILT SLIDE		5000	2/27/96	41	10.9	15.0	12.7
MOSES MEADOWS (3) MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET SUNSET SUNSET LOOKOUT PILLOW NEWAN LAKE QUARTZ PEAK PILLOW		3/01/96		14.45	14.3	11.7	UPPER WHEELER		4400	2/27/96		5.6	7.0	9.4
MOSES PEAK (2) MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	3800	2/28/96	18	4.5	.0	2.4	UPPER WHEELER			3/01/96		11.15	15.5	12.1
MOUNT TOLMAN TWIN LAKES SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	6650	2/29/96	34	10.3	19.1	10.3	COLOCKUM CREEK		••••	0, 01, 50				
SPOKANE RIVER FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	2000	2/27/96	7	2.3	. 0	3.5	TROUGH #2	PILLOW	5310	3/01/96		10.0S	12.1	9.0
FOURTH OF JULY SUM LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	2700	2/27/96	17	5.7	6.7	8.7	YAKIMA RIVER							
LOST LAKE (d) MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW							BLEWETT PASS#		4270	3/01/96		12.45	19.2	17.0
MOSQUITO RDG PILLOW SUNSET SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	3200	2/28/96	32	8.9	2.5	8.4	BUMPING LAKE		3400	3/01/96		17.5E	16.1	17.6
SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW		3/01/96		46.9E	38.6	47.2	BUMPING RIDGE	PILLOW	4600	3/01/96		18.35	23.9	18.4
SUNSET PILLOW LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW		3/01/96		26.8	28.2	32.2	CAYUSE PASS	DITION	5300	3/01/96 3/01/96		62.0E	67.3 30.1	65.3 27.6
LOOKOUT PILLOW NEWMAN LAKE QUARTZ PEAK PILLOW	5540 5540	3/05/96 3/01/96	54	15.9 21.9	13.6 17.0	30.8 32.0	CORRAL PASS FISH LAKE	FILLDOW	6000 3370	3/01/96		29.0S 36.0E	34.1	29.3
NEWMAN LAKE QUARTZ PEAK PILLOW	5140	3/01/96		22.6	22.5	28.0	FISH LAKE	PILLOW	3370	3/01/96		34.6S	34.4	28.4
QUARTZ PEAK PILLOW	3140	3/01/90		22.0	22.3	20.0	GREEN LAKE	1111000	6000	3/01/96		32.6E	35.0	29.1
	4700	3/01/96		10.7	22.8	18.6	GREEN LAKE	PILLOW	6000	3/01/96		19.65	22.7	17.5
OKANOGAN RIVER		-,,					GROUSE CAMP	PILLOW	5380	3/01/96		19.45	23.1	17.1
ABERDEEN LAKE CAN.	4300	3/01/96	28	7.7	4.2	5.9	DOMMERIE FLAT:	S	2200	3/01/96		7.0E	7.2	7.7
BLACKWALL PEAK CAN.	6370	3/01/96		30.7		29.6	LOST HORSE	PILLOW	5000	3/01/96		16.0S	17.1	25.6
BRENDA MINE CAN.	4800	2/28/96	45	13.9	I1.2	11.9	MORSE LAKE	PILLOW	5400	3/01/96		43.7s	59.3	38.5
BROOKMERE CAN.	3200	2/27/96	32	8.6	7.3	8.0	OLALLIE MDWS		3960	3/01/96		35.95	39.5	44.6
ENDERBY CAN.	6200	2/25/96	113	35.7	30.7	32.6	OLALLIE MEADO		3630	3/01/96		18.4	24.7	38.7
ESPERON CK. UP CAN.	5410	2/25/96	52	14.3	15.8	15.7	SASSE RIDGE		4200	3/01/96		29.05	35.9 48.5	27.4 38.2
FREEZEOUT CK. TRAIL	3500	2/29/96	22	6.6	10.8	11.1	STAMPEDE PASS		3860 4500	3/01/96 3/01/96		29.8S 15.6S	22.5	20.7
GREYBACK RES CAN. HAMILTON HILL CAN.	5120 4890	2/27/96 3/02/96	39 40	10.3 13.4	8.5 10.9	7.8 13.7	WHITE PASS ES AHTANUM CREEK	FILLEOW	4500	3/01/90		15.05	22.3	20.,
HARTS PASS	6500	2/29/96	125	43.1	40.0	36.2	GREEN LAKE		6000	3/01/96		32.6E	35.0	29.1
HARTS PASS PILLOW	6500	3/01/96		47.6s	44.0	34.6	GREEN LAKE	PILLOW	6000	3/01/96		19.65	22.7	17.5
ISINTOK LAKE CAN.	5500	2/27/96	31	7.7	6.4	6.8	LOST HORSE	PILLOW	5000	3/01/96		16.0S	17.1	25.6
LIGHTNING LAKE CAN.	4000	3/03/96	40	12.1	10.9	11.9	MILL CREEK							
LOST HORSE MTN CAN.	6300	2/27/96	39	9.7	8.3	8.1	HIGH RIDGE	PILLOW	4980	3/01/96		16.85	22.0	21.6
MCCULLOCH CAN.	4200	2/28/96	25	6.4	6.5	6.4	TOUCHET #2	PILLOW	5530	3/01/96		23.9	27.1	27.8
MISSEZULA MTN CAN.	5090	3/02/96	31	9.3	10.5		LEWIS - COWLITZ	RIVERS				60 AP	67. 2	65.3
MISSION CREEK CAN.	5800	3/01/96		14.6		17.2	CAYUSE PASS	D 7 7 7 01 1	5300	3/01/96		62.0E	67.3 32.3	33.6
MONASHEE PASS CAN.	4500	3/02/96	45	13.9	10.7	12.2	JUNE LAKE	PILLOW	3200 3800	3/01/96		9.8S 19.7S	27.1	28.1
MT. KOBAU CAN. MUTTON CREEK #1	5900 5700	2/29/96	41	11.5		10.7	LONE PINE PARADISE PARK	PILLOW	5500	3/01/96 3/01/96		49.45	61.7	47.9
OYAMA LAKE CAN.	4400	3/01/96 2/29/96	41 31	12.0 8.2	14.1 7.0	11.4 6.1	PIGTAIL PEAK		5900	3/01/96		46.45	42.0	41.0
POSTILL LAKE CAN.	4500	2/28/96	33	8.9	8.3	7.4	POTATO HILL	PILLOW	4500	3/01/96		17.5s	20.4	21.9
RUSTY CREEK	4000	3/01/96	23	7.0	8.2	6.2		PILLOW	4050	3/01/96		9.45	20.7	30.1
SALMON MDWS PILLOW	4500	3/01/96		9.45	13.5	8.3	SPENCER MDW	PILLOW	3400	3/01/96		20.35	26.3	27.2
SILVER STAR MTN CAN.	6000	2/28/96	В3	29.5	26.5	24.3	SPIRIT LAKE	PILLOW	3100	3/01/96		1.05	3.3	6.6
SUMMERLAND RES CAN.	4200	2/26/96	37	10.1	9.1	8.7	SURPRISE LKS		4250	3/01/96		28.85	39.2	37.5
SUNDAY SUMMIT CAN.	4300	3/03/96	19	5.6	3.9	5.5	WHITE PASS ES	PILLOW	4500	3/01/96		15.6S	22.5	20.7
TROUT CREEK CAN.	4690	2/27/96	33	8.7	6.3	6.7	WHITE RIVER					(0.00	(7.3	65 3
VASEUX CREEK CAN.	4600	2/28/96	22	5.4	6.2	5.9	CAYUSE PASS		5300	3/01/96		62.0E	67.3	65.3 33.9
WHITE ROCKS MTN CAN.	6000	3/04/96	59	17.7	21.6	20.0	CORRAL PASS	D T T T O T	6000	2/28/96	80	29.4	37.0 30.1	27.6
METHOW RIVER HARTS PASS	6500	2/20/06	125	42 1	40.0	26.2	CORRAL PASS	PILLOW	6000 5400	3/01/96		29.0S 43.7S	59.3	38.5
HARTS PASS PILLOW	6500	2/29/96 3/01/96	125	43.1 47.6S	40.0	36.2 34.6	MORSE LAKE GREEN RIVER	PILLOW	5400	3/01/96		43.75	37.3	00.0
MUTTON CREEK #1	0700	3/01/96	41	12.0	14.1	11.4	COUGAR MTN.	PILLOW	3200	3/01/96		9.45	9.7	18.6
RUSTY CREEK		3/01/96	23	7.0	8.2	6.2	GRASS MOUNTAIN		2900	2/28/96			.0	13.9
SALMON MDWS PILLOW	5700 4000	-1 44/ 10								41/0/9h	18	3.0		

	/AT10N		DEPTH	CONTENT	YEAR	ERAGE 1961-90	SNOW COURSE	ELEVA			DEPTH	CONTENT	YEAR	ERAGE 1961-90
LYNN LAKE	4000	3/01/96		12.8E	9.6	16.0	L1GHTN1NG LAKE	CAN.	4000	3/03/96		12.1	10.9	11.9
SAWM1LL R1DGE	4700	2/28/96	44	17.2	29.5	29.7	LYMAN LAKE P	ILLOW	5900	3/01/96		63.1S	64.1	48.4
STAMPEDE PASS PILLOW	₹ 3860	3/01/96		29.85	48.5	38.2	MEADOWS CABIN		1900	2/29/96	8	3.1	2.3	6.2
TWIN CAMP	4100	2/28/96	43	15.5	17.8	21.8	NEW HOZOMEEN LA	YKE.	2800	2/28/96		5.5	6.3	10.9
CEDAR RIVER							RAINY PASS		4780	3/01/96	94	31.0	40.0	33.4
C1TY CABIN	2390	2/27/96	25	8.8	9.8	12.3	RAINY PASS P	1LLOW	4780	3/01/96		51.3 <i>S</i>	48.6	32.7
MT. GARDNER	3300	2/27/96	19	6.4	5.0	14.2	THUNDER BASIN		4200	3/01/96	49	14.8	19.2	18.5
MT. GARDNER P1LLOW	2860	3/01/96		9.0S	9.3	14.2	THUNDER BASIN P	ILLOW	4200	3/01/96		27.7s	30.1	32.3
TINKHAM CREEK PILLOW	3000	3/01/96		18.5s	24.3	17.2	BAKER RIVER							
MEADOWS PASS PILLOW	3240	3/01/96		11.35	12.0	18.1	DOCK BUTTE	AM	3800	2/29/96	65	26.0	49.0	56.1
SNOQUALM1E R1VER							EASY PASS	AM	5200	2/29/96	120	53.0	86.0	64.5
ALPINE MEADOWS	3500	2/27/96	50	16.6	32.0	33.8	JASPER PASS	AM	5400	2/29/96	125	50.0	86.0	75.0
OLALLIE MDWS PILLOW	₹ 3960	3/01/96		35.98	39.5	44.6	MARTEN LAKE	AM	3600	2/29/96	84	33.0	63.0	63.6
OLALLIE MEADOWS	3630	3/01/96	29	18.4	24.7	38.7	MT. BLUM	AM	5800	2/29/96	100	40.0	61.0	55.9
SKYKOM1SH R1VER							ROCKY CREEK	AM	2100	2/29/96	36	14.0	33.0	25.2
STAMPEDE PASS PILLOW	₹ 3860	3/01/96		29.85	48.5	38.2	SCHREIBERS MDW	AM	3400	2/29/96	58	23.0	48.0	47.9
STEVENS PASS PILLOW	4070	3/01/96		30.05	41.3	34.7	SF THUNDER CK	AM	2200	2/29/96	4	1.5	. 0	7.9
STEVENS PASS SAND SI	3700	2/28/96	63	23.3	30.9	31.1	WATSON LAKES	AM	4500	2/29/96	68	26.0	40.0	53.3
SKAG1T R1VER							ELWHA RIVER							
BEAVER CREEK TRAIL	2200	2/28/96	26	7.7	10.8	12.6	HURR1CANE		4500	2/29/96	18	4.0	10.4	17.4
 BEAVER PASS 	3680	2/28/96	50	16.2	26.4	25.1	MORSE CREEK							
BROWN TOP AM		2/28/96	134	51.0	56.0	51.9	COX VALLEY		4500	2/28/96	63	15.7	31.3	32.4
CLOUDY PASS AM	1 6500	3/01/96	123	49.2	51.2	32.9	DUNGENESS RIVER							
DEVILS PARK	5900	2/29/96	114	42.6	43.0	36.9	DEER PARK		5200	2/28/96	30	7.8	11.2	17.3
FREEZEOUT CK. TRAIL	3500	2/29/96	22	6.6	10.8	11.1	QUILCENE RIVER							
 HARTS PASS 	6500	2/29/96	125	43.1	40.0	36.2		ILLOW	4050	3/01/96		16.95	28.3	26.5
HARTS PASS P1LLOW	6500	3/01/96		47.6S	44.0	34.6	WYNOOCHEE R1VER							
KLESILKWA CAN.	3710	3/01/96	10	2.4	4.0	11.4	CARROL PASS (d) Denotes discont	inued:	3650 site.	2/25/96	35	9.0		23.8

Washington Mountain Snowpack & Precipitation March 11, 1996



Precipitation* (% of normal)



*Based on selected stations

The March 1 forecasts for summer runoff within the Spokane River Basin are 91% of normal, about the same as last year at this time. The forecast is based on a basin snowpack that is 70% of average and precipitation that is 149% of normal for the water year. Precipitation for February was 201% of average. Streamflow on the Spokane River was 328% of average for February. March 1 storage in Coeur d'Alene Lake was 293,500 acre feet, 197% of normal, and 123% of capacity.

SPOKANE RIVER BASIN

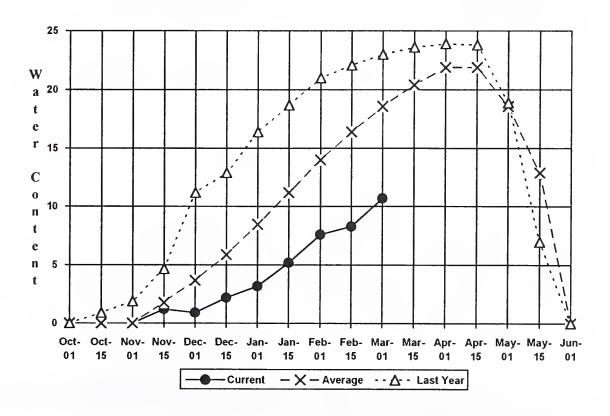
Streamflow Forecasts - March 1, 1996

											======
		<<=====: 	Drier ==		Future C	onditions	======	Wetter =	====>>	1	
Forecast Point	Forecast			=== Ch	ance Of	Exceeding	· ======			i	
	Period	90% (1000AF)	70% (1000AF)			Probable) (% AVG.)	•	30% 000AF) (10% 1000AF)		Yr Avg. 1000AF)
SPOKANE near Post Falls (2)	APR-SEP	1900	2250	 	2490	91		====== 2730	3080		2730
	APR-JUL	1820	2160	1	2400	91	1	2640	2980		2633
SPOKANE at Long Lake	APR-JUL	2050	2420	i	2670	91	i	2920	3290		2936
	APR-SEP	2230	2610	-	2870	91	1	3130	3510		3159
SPOKAI	NE RIVER BASIN				1		SPOKANE	RIVER BA	SIN		
Reservoir Storage (1000 AF) - End	of Februar	ry		l	Watershed	Snowpack	Analysis	- March	1, 19	96
	Usable	*** Usab:	le Storage	***	1			Number	This	Year	as % of
Reservoir	Capacity	This	Last		Wate	rshed		of	====		
=======================================	l	Year	Year	Avg	[Data Site	s Last	Yr	Average
'COEUR D'ALENE	238.5	293.5	348.5	149.1	Spok	ane River		18	85		70

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

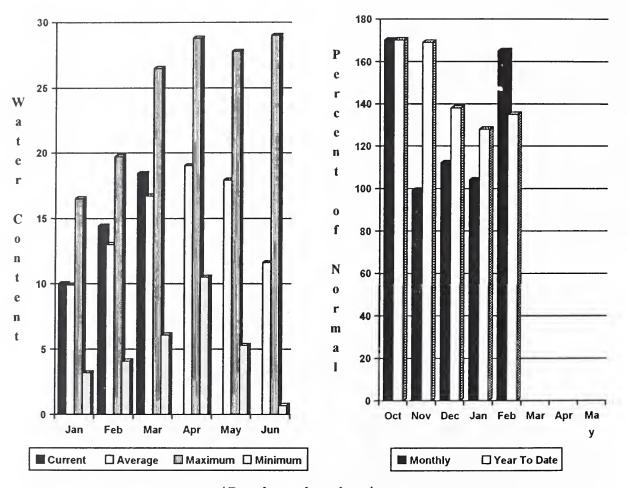
- (1) The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) The value is natural flow actual flow may be affected by upstream water management.

Quartz Peak SNOTEL Elevation 4700 ft.



The average is computed for the 1961-1990 base period.

Precipitation* (% of normal)



*Based on selected stations

Forecasts for the basin are essentially unchanged from last month. The forecast for the Kettle River streamflow is for 126% of normal; the Pend Oreille, below Box Canyon, 113%; Priest River, near the town of Priest River, 104% of normal for the summer runoff period. Forecast for the Columbia River at Birchbank is for runoff to be 117% of average. February streamflow was 285% of normal on the Pend Oreille River; 185% on the Columbia at the International Boundary; and 255% on the Kettle River. March 1 snow cover was 108% of normal in the Pend Oreille Basin, and 113% for the Kettle River Basin. Precipitation during February was 165% of average, bringing the water year-to-date to 135% of normal.

COLVILLE - PEND OREILLE RIVER BASINS

Streamflow Forecasts - March 1, 1996

		<<====	== Drier ====		Conditions ==	===== Wetter ==	====>>	
Forecast Point	Forecast Period	90% (1000AF)	70%) (1000AF)	50% (Mos:	t Probable)) (% AVG.)		10% 1000AF)	30-Yr Avg. (1000AF)
PEND OREILLE Lake Inflow (1,2)	APR-JUL APR-SEP APR-JUN	11900 13000 10100	14000 15400 12100	15000 16400 13000	114 114 114 114	16000 1 17500 1	18100 19800 15900	13150 14370 11390
PRIEST nr Priest River (1,2)	APR-JUL APR-SEP	635 675	780 835	850 905	104 104		1070 1140	814 868
PEND OREILLE bl Box Canyon (1,2)	APR-JUL APR-SEP APR-JUN	12400 13300 10700	14300 15600 12300	15100 16500 13070	113 113 113	17400	17800 19800 15400	13380 14590 11570
CHAMOKANE CK nr Long Lake	MAY-AUG	3.6	7.2	9.6	102	12.0	15.6	9.4
COLVILLE at Kettle Falls	APR-SEP APR-JUL APR-JUN	100 91 85	124 113 105	140 128 118	107 107 107 106	156 143 131	180 165 151	131 120 111
KETTLE near Laurier	APR-SEP APR-JUL APR-JUN	2030 1940 1750	2210 2110 1900	2340 2220 2000	126 126 126	2470 2330 2100	2650 2500 2250	1854 1761 1585
COLUMBIA at Birchbank (1,2)	APR-JUL APR-SEP APR-JUN	36000 44800 25900	39400 49100 28400	41000 51100 29500	117 117 117 115	53100	6000 67400 33100	35140 43810 25670
COLUMBIA at Grand Coulee Dm (1,2)	APR-SEP APR-JUL APR-JUN	65200 54300 42500	72300 60200 47100	75500 75500 62900 49170	116 115 115	65600 7	5800 1500 55900	64850 54543 42756
COLVILLE - PEND C Reservoir Storage (100	REILLE RIVE 0 AF) - End	R BASINS of Februa	ary	 	COLVILLE - Watershed Sno	PEND OREILLE RI owpack Analysis	VER BASIN - March 1	NS 1, 1996
Reservoir	Usable Capacity 	*** Usab This Year	ole Storage * Last Year A	** Wate vg	ershed	Number of Data Sites	This \	Year as % of Yr Average
roosevelt	5232.0	3964.4		'	ville River	0	0	0
BANKS	715.0	681.6	613.3 60	 6.0 Pend	d Oreille Rive	r 92	135	108

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

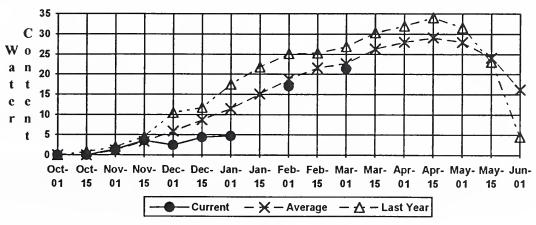
The average is computed for the 1961-1990 base period.

Bunchgrass Meadow SNOTEL Elevation 5000 ft.

Kettle River

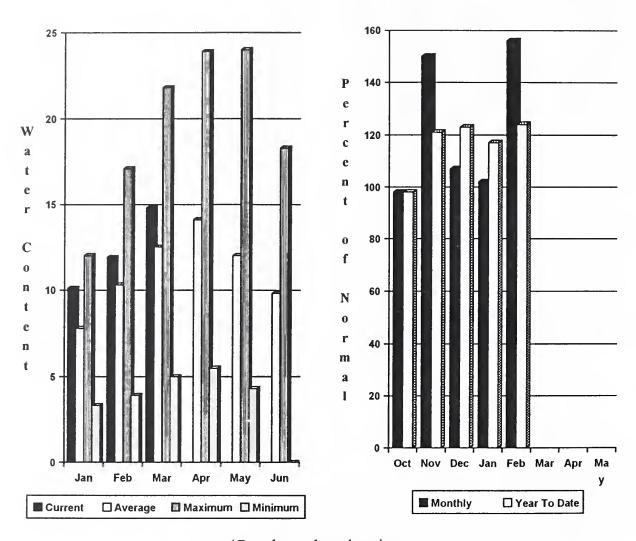
119

113



^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) - The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

Summer runoff forecast for the Okanogan River is 126% of normal; the Similkameen River, 130%; the Methow River, 142%; and Salmon Creek, 109% of normal. March 1 snow cover on the Okanogan was 111% of normal, and on the Methow, 126%. February precipitation in the Okanogan-Methow was 156% of normal, with water year-to-date at 124% of average. February streamflow on the Methow River was 167% of normal; 245% on the Okanogan River; and 288% on the Similkameen. Snow-water-content at the Harts Pass SNOTEL, elevation 6,500 feet, was 47.6 inches; normal for this site is 34.6 inches. Storage in the Conconully Reservoirs was 18,300 acre feet, which is 78% of capacity and 131% of the March 1 average.

OKANOGAN - METHOW RIVER BASINS

Streamflow Forecasts - March 1, 1996

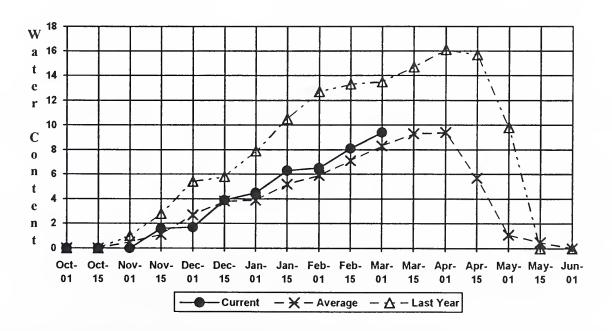
		<<======	= Drier ====	== Futur	e Conditions	======	Wette.	r ====>>	
		1							
Forecast Point	Forecast			= Chance	Of Exceeding	* =====			
	Period	90%	70%	1 50% (M	ost Probable)	1	30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	(1000	AF) (% AVG.)	1 (1000AF)	(1000AF)	(1000AF)
SIMILKAMEEN nr Nighthawk (1)	APR-SEP	1430	1720	182	0 130	======	1920	2220	1399
bilibia bibbit ili iligirenami (1)	APR-JUL	1410	1610	1 170		i	1790	1990	1304
	APR-JUN	1220	1380	145		i	1530	1700	1113
				İ		ĺ			
OKANOGAN RIVER nr Tonasket (1)	APR-SEP	1430	1840	204	0 126	ĺ	2240	2650	1624
	APR-JUL	1280	1670	184	6 126	1	2020	2410	1467
	APR-JUN	1160	1450	158	0 128	1	1710	2000	1234
				l		1			
SALMON CREEK near Conconully	APR-JUL	8.0	15.6	1 2		1	26	34	19.1
	APR-SEP	8.5	16.4	1 2	2 109	1	27	35	20
				1		ı			
METHOW RIVER near Pateros	APR-SEP	1010	1280	134		1	1400	1670	942
	APR-JUL	1070	1150	1 120	0 137	1	1250	1330	873
	APR-JUN	905	980	103	0 138	1	1080	1160	746
•				1		1			

	METHOW RIVER BASINS (1000 AF) - End of Febru	ary	1		- METHOW RIVER E pack Analysis -		1996
Reservoir	Usable *** Usa Capacity This Year	ble Storage Last Year	*** Avg	Water <i>s</i> hed	Number of Data Sites	This Yea	r as % of Average
SALMON LAKE	NO REPO	RT		Okanogan River	27	105	111
CONCONULLY RESERVOIR	NO REPO	RT	į	Methow River	4	95	126

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

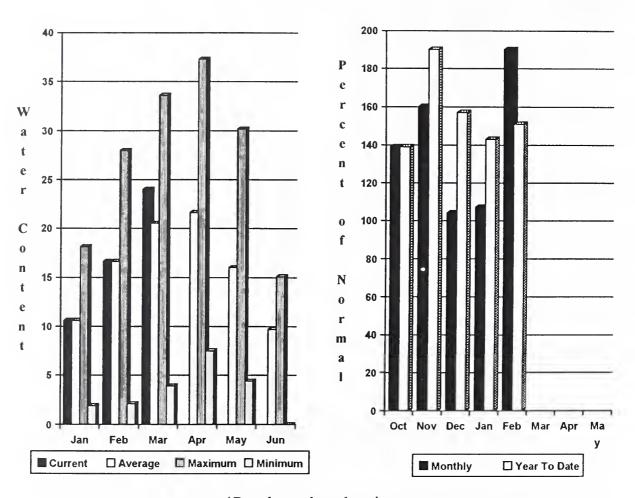
Salmon Meadows SNOTEL Elevation 4500 ft.



^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

^{(2) -} The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

Precipitation during February was 190% of normal in the basin and 151% for the year-to-date. Runoff for the Entiat River is forecast to be 139% of normal for the summer. The April-September forecast for the Chelan River is for 117%; for the Wenatchee River, 108%; and 117% on the Stehekin. Icicle Creek is forecast to be 101% of normal this Streamflow for February on the Chelan River was 207% of average; on the Wenatchee River it was 284% of normal. March 1 snowpack in the Wenatchee Basin was 104% of average. The Chelan Basin was 131% of average, and Stemilt Creek was at 89% of normal. in the Entiat River Basin was at 144% of average, up from 118% last Reservoir storage in Lake Chelan was 470,00 acre feet or 280% of March 1 average and 70% of capacity. Lyman Lake SNOTEL had the most snow water with 63.1 inches of water. This site normally has 48.4 inches and last year it had 64.1 inches on March 1.

WENATCHEE - CHELAN RIVER BASINS

Streamflow Forecasts - March 1, 1996

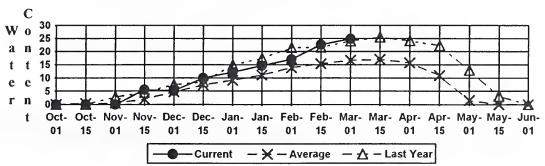
		<<=====	= Drier ====	== Future	Conditions =	===== Wetter	====>>	1
Forecast Point	Forecast Period	90% (1000AF)	70% (1000AF)	50% (Mos (1000AF	t Probablé)) (% AVG.)	30% (1000AF)	10% (1000AF)	 30-Yr Avg (1000AF
CHELAN RIVER near Chelan	APR-SEP	1200	1290	1360	117	1430	1520	1160
	APR-JUL	1070	1160	1210	118	1 1270	1350	1024
	APR-JUN	850	920	970	119	1020	1090	812
STEHEKIN near STEHEKIN	APR-SEP	860	925	970	117	1010	1080	827
	APR-JUL	745	795	830	118	865	915	701
	APR-JUN	560	605	635	118	665	710	538
ENTIAT RIVER near Ardenvoir	APR-SEP	285	300	315	139	330	345	227
	APR-JUL	260	275	1 286	139	1 295	315	206
	APR-JUN	200	215	227	134	235	250	169
WENATCHEE at Plain	APR-SEP	1130	1220	1289	108	1350	1450	1190
	APR-JUL	1030	1110	1154	108	1200	1280	1072
,	APR-JUN	895	945	982	114	1020	1070	864
WENATCHEE R. at Peshastin	APR-SEP	1240	1550	1770	108	1990	2300	1636
	APR-JUL	1120	1410	1600	108	1800	2080	1485
•	APR-JUN	915	1140	1 1300	108	1460	1690	1204
STEMILT nr Wenatchee (miners in)	MAY-SEP	98	124	142	103	160	186	138
ICICLE CREEK nr Leavenworth	APR-SEP	255	325	375	101	425	495	370
	APR-JUL	235	300	343	101	385	450	340
	APR-JUN	187	240	273	101	310	360	270
COLUMBIA R. bl Rock Island Dam (2)	APR-SEP	71600	78500	83100	118	87700	94600	70485
	APR-JUL	60100	65900	69800	117	73700	79500	59736
	APR-JUN	47400	51900	55000 	117	58100 	62600	47007
	ELAN RIVER E	BASINS			WENATCI	HEE - CHELAN RI	VER BASINS	;======== ;
Reservoir Storage (1000				1		nowpack Analysi		
	Usable	*** Usab	======================================			Number		Year as % o
Reservoir	Capacity		Last		ershed	of		
		Year		vg ==== ======		Data Sit		Yr Average
CHELAN LAKE	676.1	470.0		,	lan Lake Basii		107	131

Reservoir	Usable Capacity 	*** Usa This Year	ble Storag Last Year	je *** Avg	Watershed	Number of Data Sites	This Yea Last Yr	r as % of Average
CHELAN LAKE	676.1	470.0	231.7	168.1	Chelan Lake Basin	5	107	131
				į	Entiat River	2	100	144
				į	Wenatchee River	12	87	104
					Squilchuck Creek	0	0	0
				1	Stemilt Creek	2	72	89
					Colockum Creek	1	83	111

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

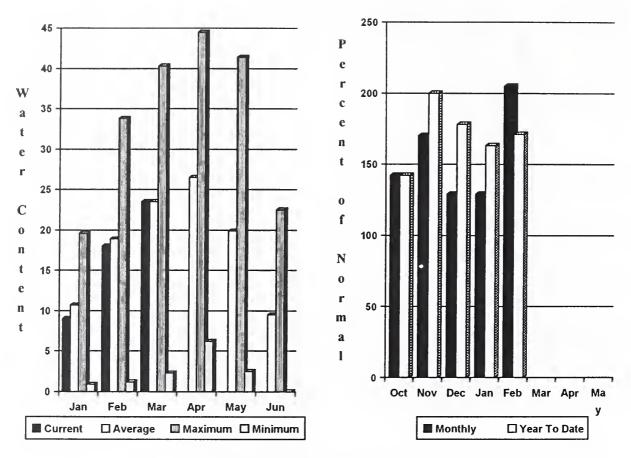
The average is computed for the 1961-1990 base period.

Pope Ridge SNOTEL Elevation 3540 ft.



^{-(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) - The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

March 1 reservoir storage for the five major reservoirs was 911,500 acre feet, 131% of average. March 1 summer streamflow forecasts are for near to above normal in the Yakima Basin. Forecasts for the Yakima River at Cle Elum are for 107% of normal; Naches River, 112%; the Yakima River at Parker, 109%; Ahtanum Creek, 110%; and the Tieton The Klickitat River near Glenwood is forecast at 143% of River, 109%. normal flows this summer. February streamflows within the basin were; the Yakima River at Parker, 384% of normal; the Yakima near Cle Elum, 311%; and the Naches River at 531%. March 1 snowpack was 95%, based upon 17 snow courses and SNOTEL readings within the Yakima Basin. Precipitation was 205% of normal for February and 171% for the water Volume forecasts for the Yakima Basin are for natural year-to-date. As such, they may differ from the U.S. Bureau of Reclamation's forecast for the total water supply available which includes irrigation return flow.

YAKIMA RIVER BASIN

Streamflow Forecasts - March 1, 1996

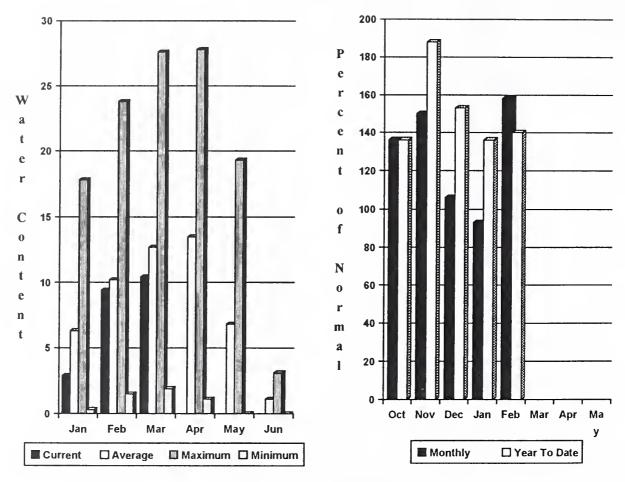
							===== Wetter		
Forecast Point		90% (1000AF)	70% (1000AF)] 5)]	0% (Most (1000AF)	Probable) (% AVG.)	(1000AF)	10% (1000AF)	(1000AF)
KEECHELUS LAKE INFLOW	APR-JUL	116	128	i	136	110	144	156	124
	APR-SEP APR-JUN	122 105	136 114	-	146 120	108 110	I 156 I 126	170 135	135 10 9
KACHESS LAKE INFLOW	APR-JUL	101	112		120	108	I I 128	139	111
	APR-SEP APR-JUN	105 92	117 101	1	125 107		133 113	145 123	118 99
CLE ELUM LAKE INFLOW	APR-JUL	410	435	1	450	110	I I 465	490	409
	APR-SEP	430	460	į	480	107	500	530	448
	APR-JUN	345	365	1	380	110	1 395 1	415	345
YAKIMA at Cle Elum	APR-JUN	710	755	1	785	109	I 815	860	721
•	APR-JUL APR-SEP	815 875	870 940	1	907 980	109 107	945 1020	1000 1080	832 915
BUMPING LAKE INFLOW	APR-SEP	128	142	1	151	111	I I 160	174	136
	APR-JUL	117	130	!	138	111	1 146	159	124
•	APR-JUN	94	106		114	110	122 	134	104
AMERICAN RIVER near Nile	APR-SEP	110	120	!	126	107	1 132	142	118
	APR-JUL APR-JUN	100 82	109 90	i	115 96	106 105	121 102	130 111	109 92
RIMROCK LAKE INFLOW	APR-SEP	225	245	1	260	109	l J 275	295	238
	APR-JUL APR-JUN	193 154	210 168	1	220 178	110 110] 230] 188	245 200	200 162
				j			İ		
NACHES near Naches	APR-SEP APR-JUL	810 740	880 805	1	930 850	112 113	1 980 1 895	1050 960	832 755
	APR-JUN	640	695	į	735		775	830	651
AHTANUM CREEK nr Tampico (2)	APR-SEP	33	43	1	51	110	58	68	46
	APR-JUL APR-JUN	30 26	40 34	1	46 40	110 110	53 1 45	62 54	42 36
VALIMA noon Dankon				į			Ì		1994
YAKIMA near Parker	APR-SEP APR-JUL	1900 1750	2060 1890	1	2170 1985	109 110	2280 2080	2440 2220	1805
	APR-JUN	1570	1680	I	1760	110	1840	1950	1597
KLICKITAT near Glenwood	APR-JUN	117	130	į	138	126	146	159	110
	APR-SEP	146	163	l I	175	125	I 187 I	204	140
YAKIM/ Reservoir Storage (1	A RIVER BASIN			======	l	,	========= YAKIMA RIVER B nowpack Analys	ASIN	
	Usable		le Storage	=====					
Reservoir	Capacity	This Year	Last	Ava l	Water	shed	of Data Si	=====	=========
 KEECHELUS				-		a River			_
KACHESS	239.0	216.6		79.0	l	um Creek	2	90	112
CLE ELUM	436.9	375.0		73.0	1		2	,,,	
•									
BUMPING LAKE	33.7	18.6	17.2	10.0 J					
RIMROCK	198.0	163.6	138.0 1	30.0					

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) - The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

February precipitation was 158% of average, bringing the year-to-date precipitation to 83% of normal. March 1 snowpack was 82% of average. The forecast is for 114% of average streamflow in the Walla Walla River for the coming summer; for the Grande Ronde at Troy, 98%; and 98% for Mill Creek. February streamflow was 473% of normal for the South Fork Walla Walla River; 246% for the Snake River; and 401% for the Grande Ronde River near Troy. The Touchet SNOTEL site had 23.9 inches of snow-water-equivalent; the normal March 1 reading for this site is 27.8 inches.

WALLA WALLA RIVER BASIN

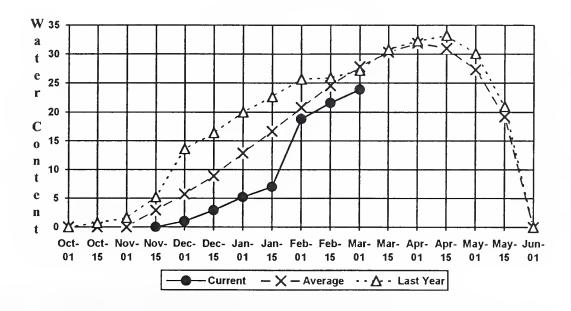
Streamflow Forecasts - March 1, 1996

	=========	=============			=========			
		<<=====	Drier ====	== Future (Conditions =	===== Wetter	====>>	l
								I
Forecast Point	Forecast							I
	Period	90%	70%		Probable)	30%	10%	l 30-Yr Avg.
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
GRANDE RONDE at Troy (1)	MAR-JUL	1070	1370	=====================================	103	1650	1950	1471
GRANDE RONDE at Troy (1)	APR-SEP	880	1160		98		1680	1312
	APK-SEP	880	1160	1280	98	1410	1680	1312
SNAKE blw Lower Granite Dam (1,2)	APR-JUL	16300	21300	ı I 23600	109	1 25900	30900	21650
SHARE DIW BOWEL GLANICE Dam (1,2)	APR-SEP	18800	24400	1 27000	111	1 29600	35200	24360
	ALK-SEL	10000	24400	1 27000	111	1 23000	33200	24300
MILL CREEK at Walla Walla	APR-SEP	9.3	13.7	16.7	98	19.7	24	17.1
TIEBE CIEBN GC MGIIG MGIIG	APR-JUL	9.2	13.6	16.6	98	19.6	24	16.9
	APR-JUN	9.1	13.5	16.4	98	19.3	24	16.7
	min con	J.1	13.3	10.1	30	1	2.1	10
SF WALLA WALLA nr Milton Freewater	APR-JUL	48	54	I 58	109	62	68	53
	APR-SEP	64	71	75	114	1 80	86	66
				İ		İ		
COLUMBIA R. at The Dalles (2)	APR-SEP	92800	104000	111000	112	118000	129000	98982
1	APR-JUL	79000	88300	94600	112	101000	110000	84760
	APR-JUN	64600	72100	77200	112	82300	89800	68925
						1		
	A RIVER BAS			1		LLA WALLA RIVE		
Reservoir Storage (100	0 AF) - End		-	ı		nowpack Analys		-
Reservoir	Usable		e Storage *			Numbe of		Year as % of
Kesetvott	Capacity		Last		rshed			
		Year	Year A	/g 		Data Si	tes Last	Yr Average
					Creek	1	76	78
				i MIII	CIECK	1	70	70

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

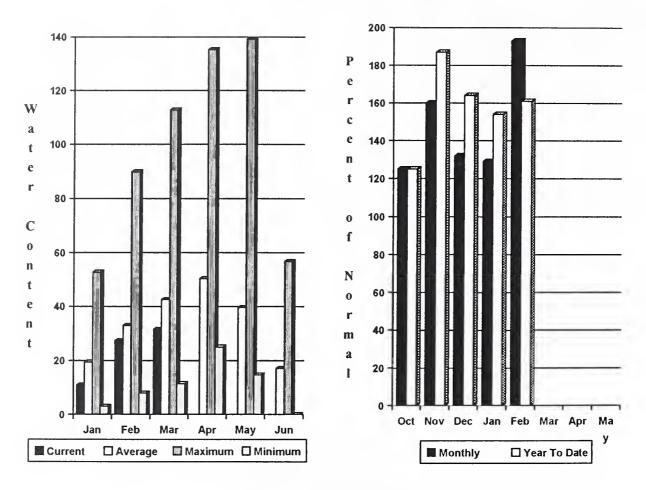
The average is computed for the 1961-1990 base period.

Touchet #2 SNOTEL Elevation 5530 ft.



^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

The forecast for summer runoff in the Lewis River Basin is 105% of normal; the Cowlitz River at Castle Rock is forecast for 103% of normal runoff. February streamflow for the Cowlitz River was 291% of average, and 228% for the Lewis River. February precipitation was 193% of normal, 161% of average for the water year. March 1 snow cover for the Cowlitz River was 86%, and the Lewis River was 62% of average, both down considerably from last month. The Paradise Park SNOTEL recorded the most water content for the basin with 49.4 inches of water; normal March 1 water content is 47.9 inches. Forecasters believe that adequate higher elevation snowpack will help sustain summer runoff.

COWLITZ - LEWIS RIVER BASINS

Streamflow Forecasts - March 1, 1996

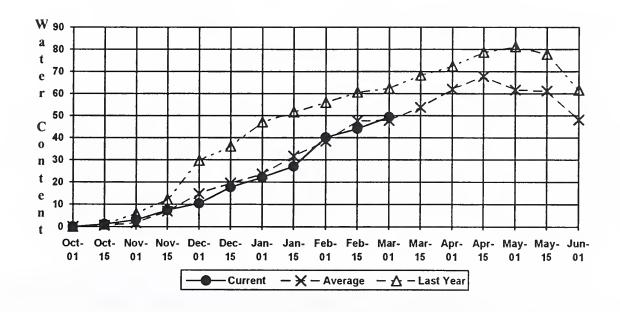
		<<=====	Drier ====	== Future (Conditions ==	===== Wetter	:====>>	
Forecast Point	Forecast		******	= Chance Of	Exceeding * =			
	Period	90% (1000AF)	70% (1000AF)	50% (Most	Probable) (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LEWIS RIVER at Ariel (2)	APR-SEP	900	1120	1 1270	105	1420	1640	1204
	APR-JUL	780	970	1100	105	1230	1420	1051
	APR-JUN	695	865	980	105	1100	1270	933
COWLITZ R. bl Mayfield Dam (2)	APR-SEP	845	1520	I I 1810	92	I I 2100	2780	1970
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	APR-JUL	970	1340	1 1590	92	1840	2210	1731
	APR-JUN	830	1150	1 360	92	1570	1890	1477
COWLITZ R. at Castle Rock (2)	APR-SEP	1390	2370	2750	103	3130	4110	2667
	APR-JUL	1590	2070	1 2400	103	2730	3210	2325
	APR+JUN	1360	1770	2055	103	2340	2760	1995
KLICKITAT near Glenwood	APR-JUN	117	130	I 138	126	l l 146	159	110
	APR-SEP	146	163	1 175	125	187	204	140
•				1		l		

	TZ - LEWIS RIVER BASINS age (1000 AF) - End of	 		- LEWIS RIVER BA pack Analysis -		1996
Reservoir	Usable ** Capacity Th Ye	ge *** Avg	Watershed	Number of Data Sites		r as % of Average
=======================================		 ====== : 	Cowlitz River	7	85	86
			Lewis River	4	63	62

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

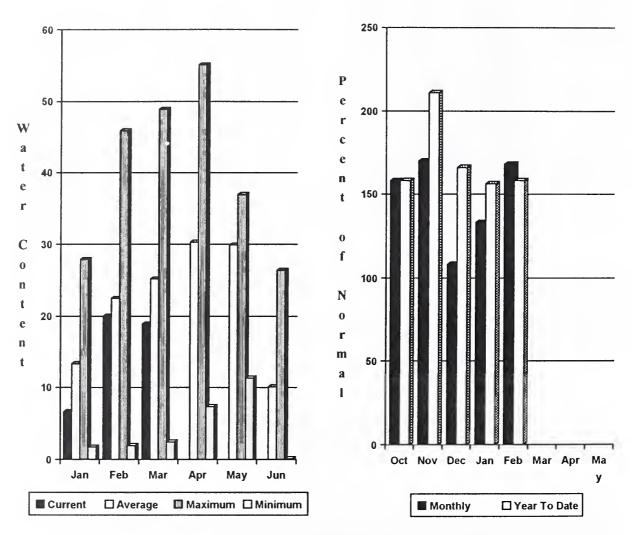
The average is computed for the 1961-1990 base period.

Paridise SNOTEL Elevation 5120 ft.



^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

Summer runoff is forecast to be 105% of normal for the Green River; and 88% for the Cedar River near Cedar Falls; 85% for the Rex River; 90% for the South Fork of the Tolt River; and 91% for the Cedar River at Cedar Falls. March 1 snowpack was 103% of normal in the White River Basin, and 64% in the Green River Basin. Water content on March 1 at the Morse Lake SNOTEL, at an elevation of 5,400 feet, was 43.7 inches. This site has a March 1 average of 38.5 inches. February precipitation was 168% of normal, bringing the water year-to-date to 158% of average.

WHITE - GREEN - CEDAR RIVER BASINS

Streamflow Forecasts - March 1, 1996

		<<====	Drier ====	== Future C	onditions ==	===== Wetter	====>>	
Forecast Point	Forecast	 =======		= Chance Of	Exceeding * =		 	
	Period	90%	70%	50% (Most	Probable)	30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
GREEN RIVER below Howard Hanson Dam	APR-JUL	235	255	271	105	285	305	257
	APR-SEP	260	285	299	105	315	340	285
	APR-JUN	210	230	246	105	260	280	234
CEDAR RIVER near Cedar Falls	APR-JUL	54	62	I 68	88	l I 74	82	77
Din lavar noda coda tara	APR-SEP	61	69	75	88	81	90	85
	APR-JUN	49	56	61	89	66	73	68
EX RIVER near Cedar Falls	APR-JUL	17.0	20	I 23	85	l I 26	29	27
	APR-SEP	19.0	23	1 26	85	28	32	30
	APR-JUN	16.0	19.0	1 21	85	23	26	25
EDAR RIVER at Cedar Falls	APR-JUL	53	66	1 75	91	I I 83	96	82
	APR-SEP	54	67	76	91	84	97	83
	APR-JUN	51	64	73	91	82	94	80
OUTH FORK TOLT near Index	APR-JUL	11.0	12.6	13.6	89	l l 14.6	16.2	15.2
	APR-SEP	12.7	14.7	16.0	90	17.3	19.3	17.8
	APR-JUN	9.6	11.0	11.9	91	12.8	14.2	13.1
				 ====================================		 		
WHITE - GREEN Reservoir Storage (1000			.,	1		E - GREEN RIVE nowpack Analys		1 1006
reservoir Storage (1000	Ar) - End	or repruar	y ==========	 ==========	Mareraned 2	TOWDACK MUSTAS	15 - Maich	1, 1770 :========
	Usable		e Storage *			Numbe		Year as % of
eservoir	Capacity	This Year	Last Year A	,	rshed	of Data Si		Yr Average

The average is computed for the 1961-1990 base period.

Stampede Pass SNOTEL Elevation 3860 ft.

White River

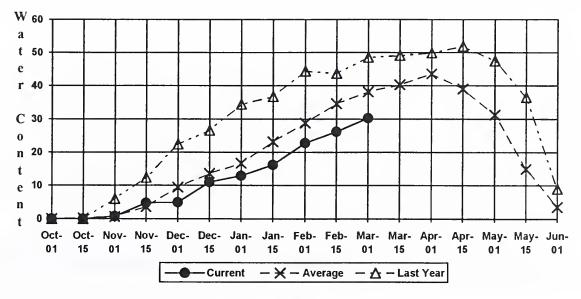
Green River

103

65

76

103

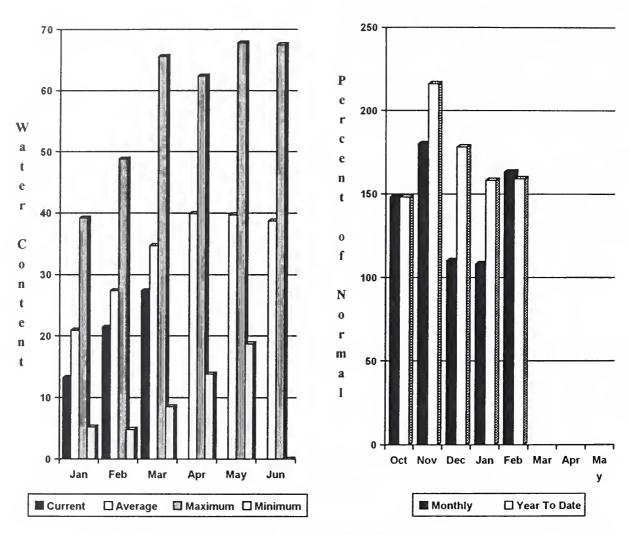


^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

^{(2) -} The value is natural flow - actual flow may be affected by upstream water management.

Precipitation* (% of normal)



*Based on selected stations

Forecast for the Skagit River streamflow is for 96% of normal for the spring and summer periods. February streamflow in the Skagit River was 186% of average. Other forecast points included the Baker River at 96%, and Thunder Creek at 95%. Basin-wide precipitation for February was 163% of average, bringing water year-to-date to 159% of normal. March 1 snow cover in the Skagit River Basin was 108%; the Baker River Basin was, 59%; and the Snohomish River Basin was 70% of average. Rainy Pass SNOTEL, at 4,780 feet, had 51.3 inches of water content; normal March 1 water content is 32.7 inches. March 1 reservoir storage showed Ross Lake at 370% normal and 81% of capacity.

NORTH PUGET SOUND RIVER BASINS

Streamflow Forecasts - March 1, 1996

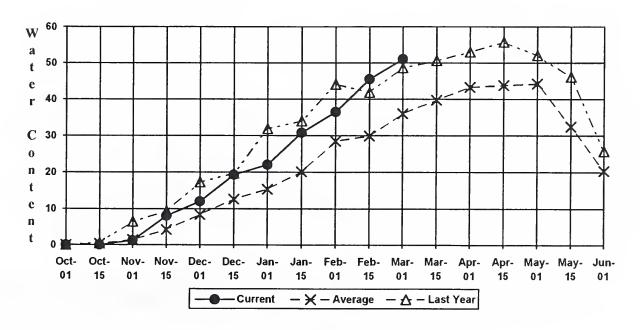
Forecast Point	Forecast Period	i			Chance Of 1	exceeding * Probable) (% AVG.)			10% (1000AF)	
THUNDER CREEK near Newhalem	APR-JUL APR-SEP APR-JUN	195 285 115	210 300 132		220 310 143	96 95 96	 	230 320 154	245 335 171	230 328 149
SKAGIT RIVER at Newhalem (2)	APR-SEP APR-JUL APR-JUN	1630 1380 1070	1910 1620 1250	1	2100 1775 1370	96 97 97	i 	2290 1940 1490	2570 2170 1670	2185 1830 1410
BAKER RIVER near Concrete	APR-JUL APR-SEP APR-JUN	670 880 490	745 965 550	1	795 1025 588	95 96 96	 	845 1090 625	920 1170 685	836 1064 611
NORTH PUGET Reservoir Storage (1	SOUND RIVER B.		у		 	NORTH Watershed S			VER BASINS	1, 1996

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Reservoir Sto	orage (1000 AF) - End	l of Febr	uary	i	Watershed Snowp	ack Analysis -	March 1,	1996
=======================================								
Reservoir	Usable Capacity		able Stora Last	ige ***	Watershed	Number of	This Yea	r as % of =======
)	1	Year	Year	Avg		Data Sites	Last Yr	Average
ROSS	1404.1	1138.6	811.9	307.6	Snohomish River	6	71	70
DIABLO RESERVOIR	90.6	85.6	85.7		Skagit River	14	94	108
GORGE RESERVOIR	9.8	7.4	7.6	i	Baker River	9	57	59

^{* 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

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Rainy Pass SNOTEL Elevation 4780 ft.

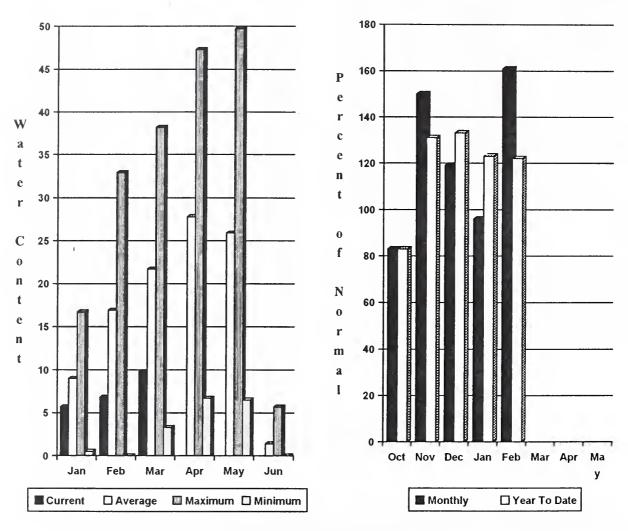


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Olympic Peninsula River Basins

Mountain Snowpack* (inches)

Precipitation* (% of normal)



*Based on selected stations

The March forecasts for streamflow runoff in the Dungeness River Basin is 88% of average; the Elwha River is forecasted for 81% of average. The Big Quilcene can expect below normal runoff this summer as well. February precipitation was 116% of average, and has accumulated at 122% of normal for the water year. February precipitation at Quillayute was 10.23 inches, which is below normal at 85% of average. Average March 1 snow cover in the Olympic Basin was much below average at 45%. The Mount Crag SNOTEL near Quilcene had 16.9 inches of snow water-equivalent on March 1; normal for this site is 26.5 inches.

OLYMPIC PENINSULA RIVER BASINS

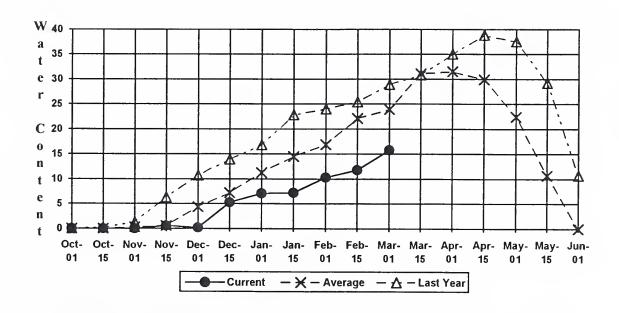
Streamflow Forecasts - March 1, 1996

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	I	<<======	Drier ====	== Future C	onditions ==	===== Wetter	====>>	1
	_							
Forecast Point	Forecast							1 20 1/2
	Period	90%	70%		Probable)		10% (1000AF)	30-Yr Avg. (1000AF)
	 	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
DUNGENESS RIVER nr Sequim	APR-SEP	113	129	141	88	153	169	160
	APR-JUL	91	105	114	87	123	137	131
	APR-JUN	68	78	85	87	92	102	98
				l	1	l		
ELWHA RIVER nr Port Angeles	APR-SEP	305	365	1 406	81	445	505	502
	APR-JUL	265	310	345	83	380	425	417
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		========			========			
OLYMpic ben	THEFIT A DIVED DA	CINC		1				
	INSULA RIVER BA		-v	1		PENINSULA RI		1. 1996
OLYMPIC PEN Reservoir Storage (.y	 		C PENINSULA RI nowpack Analys 		1, 1996
		of Februar	y ====================================	 		_	is - March	1, 1996
	1000 AF) - End	of Februar				nowpack Analys	is - March	
Reservoir Storage (1000 AF) - End Usable	of Februar	le Storage *	Wate	Watershed Sr	nowpack Analys Numbe	is - March This	Year as % of
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g ==== =====	Watershed Sr	nowpack Analys Numbe	is - March This tes Last	Year as % of Yr Average
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g ==== =====	Watershed Sr	nowpack Analys Numbe	is - March This	Year as % of
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate Wate 	Watershed Sr rshed	nowpack Analys Numbe	is - March This tes Last	Year as % of Yr Average
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate Wate 	Watershed Sr	nowpack Analys Numbe	is - March This tes Last	Year as % of Yr Average
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g Elwh Mors	Watershed Sr rshed a River	nowpack Analys Numbe	is - March This tes Last 38	Year as % of Yr Average 23 48
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g Elwh Mors	Watershed Sr rshed	nowpack Analys Numbe	is - March This tes Last	Year as % of Yr Average
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g Elwh Mors Dung	Watershed Sr rshed a River	nowpack Analys Numbe	is - March This tes Last 38	Year as % of Yr Average 23 48
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g Elwh Mors Dung	Watershed Sr rshed a River e Creek eness River	nowpack Analys Numbe	is - March This tes Last 38 50	Year as % of Yr Average 23 48
Reservoir Storage (1000 AF) - End Usable	of Februar *** Usabl This	le Storage **	Wate /g	Watershed Sr rshed a River e Creek eness River	nowpack Analys Numbe	is - March This tes Last 38 50	Year as % of Yr Average 23 48

^{4 90%, 70%, 30%,} and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

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Mount Crag SNOTEL Elevation 4050 ft.



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Issued by

Released by

Paul W. Johnson

Chief

Natural Resources Conservation Service

U.S. Department of Agriculture

Lynn A. Brown

State Conservationist

Natural Resources Conservation Service

Spokane, Washington

The Following Organizations Cooperate With the Natural Resources Conservation Service in Snow Survey Work*:

Canada Ministry of the Environment

Investigations Branch, Victoria, British Columbia

State Washington State Department of Ecology

Washington State Department of Natural Resources

Federal Department of the Army

Corps of Engineers

U.S. Department of Agriculture

Forest Service

U.S. Department of Commerce NOAA, National Weather Service

U.S. Department of Interior

Bonneville Power Administration

Bureau of Reclamation Geological Survey National Park Service Bureau of Indian Affairs

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City of Seattle

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Rock Pointe Tower II, Suite 450 W. 316 Boone Avenue Spokane, WA 99201-2349

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Washington Basin Outlook Report

Natural Resources Conservation Service Spokane, WA

